

GPS Investigation

Offset Data Work Sheet

Measurements

From Offset Site:

Measured Latitude = degrees

Measured Longitude = degrees

To get to your site, go (North or South)

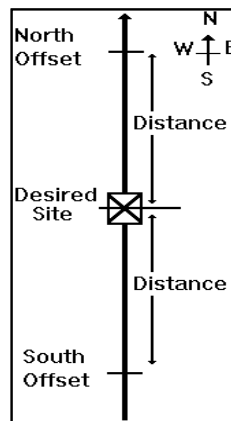
Distance = meters

Circle One



minutes N or S

minutes W or E



Computations

Change in Latitude:

meters = minutes
1855 meters/minute

- If offset site further from Equator

+ If offset site closer to Equator

Your site's minutes of Latitude = +/- =

(Round to nearest 0.01 minutes) = minutes

Combine with Latitude degrees:

Desired Latitude = degrees minutes N or S

Desired Longitude = degrees minutes W or E
(Same as Offset Longitude)